

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2004/008574

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07K14/705 A61K38/17 A61K48/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C08K C12N A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, EMBASE, WPI Data, PAJ, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	MARTIN P J: "Donor CD8 cells prevent allogeneic marrow graft rejection in mice: potential implications for marrow transplantation in humans." 1 August 1993 (1993-08-01), THE JOURNAL OF EXPERIMENTAL MEDICINE. 1 AUG 1993, VOL. 178, NR. 2, PAGE(S) 703 - 712 , XP002291658 ISSN: 0022-1007	5,6,8,18
Y	abstract ----- -/--	1-4,7,9, 14-17, 19-26

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Z document member of the same patent family

Date of the actual completion of the international search

9 August 2004

Date of mailing of the international search report

06/09/2004

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WEISS L ET AL: "Prevention and treatment of graft-versus-host disease by down-regulation of anti-host reactivity with veto cells of host origin." June 1999 (1999-06), BONE MARROW TRANSPLANTATION. JUN 1999, VOL. 23, NR. 11, PAGE(S) 1139 - 1143 , XP002291659 ISSN: 0268-3369	10,11
Y	abstract page 1139, column 2, last paragraph page 1140, column 2 page 1141, column 2 - page 1142, column 1 -----	12-17, 19-26
Y	HAMBOR J E ET AL: "Regulation of allogeneic responses by expression of CD8 alpha chain on stimulator cells." 1990, INTERNATIONAL IMMUNOLOGY. 1990, VOL. 2, NR. 9, PAGE(S) 879 - 883 , XP009034796 ISSN: 0953-8178	1-4,7,9, 12-17, 19-26
A	abstract page 879, column 1 - column 2 page 882, column 1 - page 883, column 1 -----	5,6,8, 10,11,18
A	QI Y ET AL: "Hybrid antibody mediated veto of cytotoxic T lymphocyte responses." 1 May 1996 (1996-05-01), THE JOURNAL OF EXPERIMENTAL MEDICINE. 1 MAY 1996, VOL. 183, NR. 5, PAGE(S) 1973 - 1980 , XP002291660 ISSN: 0022-1007 abstract page 1973, column 1 - page 1974, column 1 page 1974, column 1 - column 2 -----	1-26
A	WO 02/102852 A (JAKOBSEN BENT KARSTEN ; AVIDEX LTD (GB); GLICK MEIR (US)) 27 December 2002 (2002-12-27) page 1 - page 5 -----	1-26

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 25, 26(PARTLY)
because they relate to subject matter not required to be searched by this Authority; namely:
Although claims 1-17 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☒ Claims Nos.: 25, 26(partly)
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
see FURTHER INFORMATION sheet PCT/ISA/210
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.1

Although claims 1-17 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.

Continuation of Box II.2

Claims Nos.: 25,26(partly)

Claims 25 and 26 are intended to have as an essential technical feature the sequences provided by means of SEQ ID NO. However, the specific SEQ ID NOs are not present in said claims. In consequence, the scope of the claims remains identical to that of claim 21, to which both of said claims refer. Without the specific SEQ ID NO in the claims 25 and 26 the search was carried out based on the technical features of claim 21 only.

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be overcome.

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Information on patent family members

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Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 02102852	A	27-12-2002	EP	1404715 A2	07-04-2004
			WO	02102852 A2	27-12-2002
